

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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8

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 09/26/2016		2. CONTRACT NO. (If any) EP-W-10-054		6. SHIP TO: a. NAME OF CONSIGNEE HPOD RRB	
3. ORDER NO. 0088		4. REQUISITION/REFERENCE NO. PR-OLEM-16-00146			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460				b. STREET ADDRESS US Environmental Protection Agency USEPA Ronald Reagan Building (RRB) 1300 Pennsylvania Avenue NW	
				c. CITY Washington	d. STATE dc
				e. ZIP CODE 20004	
7. TO: MARCIA KING				f. SHIP VIA	
a. NAME OF CONTRACTOR ABT ASSOCIATES INC.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: RFQ-DC-16-00096 Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 4550 MONTGOMERY AVENUE SUITE 800 NORTH				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY BETHESDA		e. STATE MD	f. ZIP CODE 208143343		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE ORCR	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 02/28/2017	
a. INSPECTION	b. ACCEPTANCE			16. DISCOUNT TERMS	

17. SCHEDULE (See reverse for Rejections)						
ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 058595539 PIID: SW-846 Methods Support The terms and conditions of contract EP-W-10-054 are hereby incorporated by reference. Continued ...					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:						
a. NAME RTP Finance Center						\$86,765.64
b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$86,765.64
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711	17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)		09/26/2016		23. NAME (Typed) Faye Sas TITLE: CONTRACTING/ORDERING OFFICER	
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**ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION**

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 09/26/2016	CONTRACT NO. EP-W-10-054	ORDER NO. 0088
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	<p>The Contractor shall perform services in accordance with the attached Statement of Work (6 pages) and the Contractor's proposal dated 22 March 2016 in the amount of \$86,765.64.</p> <p>Funding in the amount of \$86,765.64 is obligated to this task order which the Contractor is not authorized to exceed. Any expenditure above the funding ceiling/task order price ceiling of \$86,765.64 is at the Contractor's own risk. This task order is hereby fully funded at a total dollar threshold of \$86,765.64.</p> <p>This is a time and materials task order. Services rendered under this task order are severable services. The period of performance of this task order is from the effective date of award to 28 February 2017.</p> <p>TOCOR: Shen-yi Yang email: yang.shen-yi@epa.gov phone: 703.308.0437 TOCOR: Shen-yi Yang Max Expire Date: 02/28/2017 Admin Office: SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460 Accounting Info: 16-T-31H-303DD2-2585-HQ00BM00-1631SFP008-001 BFY: 16 Fund: T Budget Org: 31H Program (PRC): 303DD2 Budget (BOC): 2585 Job #: HQ00BM00 DCN - Line ID: 1631SFP008-001 Period of Performance: 09/26/2016 to 02/28/2017</p>					
0001	SW-846 Methods Support				86,765.64	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$86,765.64

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 348 (Rev. 4/2006)
Prescribed by GSA FAR (48 CFR) 53.213(f)

September 26, 2016

STATEMENT OF WORK

CONTRACTOR:
CONTRACT NUMBER: Mission Support Contract
TASK ORDER TITLE: SW-846 Methods Support
TASK ORDER MANAGER: Shen-yi Yang
Kim Kirkland (Alternate)
ORCR ORGANIZATION: Office of Resource Conservation and Recovery
Materials Recovery and Waste Management Div.
Waste Characterization Branch

TASK ORDER CONTRACTING
OFFICERS REPRESENTATIVE: Sue Fowler
PERIOD OF PERFORMANCE: April 1, 2016 to February 28, 2017

1. BACKGROUND

The Methods Team of the EPA Office of Resource Conservation and Recovery (ORCR) is responsible for developing new and refining existing analytical methods, sampling and waste handling protocols, and Quality Assurance/Quality Control (QA/QC) procedures to guide waste generators, waste management facilities, and laboratory personnel in meeting the testing requirements of the Resource Conservation and Recovery Act (RCRA) Program. Once new analytical methods, chapters on sampling, choosing the correct procedure and QA/QC are developed, the Methods Team is responsible for publishing them in "Test Methods for Evaluating Solid Waste", also known as (SW-846), EPA's methods manual. Several factors affect the need for the Methods Team to develop new and updated procedures for inclusion in SW-846. First, new methods and chapters may be required because EPA revises its approach to identifying and evaluating hazardous wastes and materials (e.g., toxicity characteristic, leach framework, and beneficial use). Second, as ORCR's RCRA program matures, more precise analytical methods may be needed to reinforce risk assessments (e.g., Method 8261 for volatile organic compounds, and Method 1340 for bio-availability of metals and other inorganic analytes, in a variety of liquid, solid, and oily waste matrices, as well as animal tissues) and program implementation (e.g., Performance Approach). Third, procedures in SW-846 are expected to change and improve as new analytical technologies or new requirements for QA/QC, sampling or ground water monitoring, land management and material re-use become available. Finally, new methods may be required as the list of hazardous constituents of concern expand. Support is needed to prepare new/revised methods that will be included in the Fourth Edition and future Updates of SW-846.

Other program offices at EPA publish methods that are often similar to the methods contained in SW-846. Other testing organizations, such as ASTM, also publish methods for analyzing environmental samples. The Methods Team is interested in coordinating its methods with those

of other organizations whenever possible. This activity is expected to simplify operations and record keeping in laboratories that provide environmental analytical services and permit a greater degree of flexibility in the way laboratories approach for environmental testing.

The Inorganic and Organic Methods Workgroups are ORCR's standing technical workgroups that review methods prior to their inclusion in SW-846. The Workgroup members are experienced chemists from states, commercial laboratories, other federal government offices, and various EPA Program Offices, Regional and ORD Laboratories. The Workgroups provide expert review and comments on draft inorganic and organic methods and meet to discuss these methods. Once the Workgroups approve a method for inclusion in SW-846, a final version of the method must be prepared before it can be posted on the ORCR Methods website for public use. In addition, a notice of availability (NOA) may be published in the Federal Register.

The ORCR Methods Team provides information and training to Federal and State regulators, EPA Regions, and the regulated community on the Hazardous Waste Analytical Program by giving technical presentations at professional conferences and providing training courses as part of ORCR's outreach program. At times, the ORCR Methods Team will need support in preparing materials for use in these presentations.

2. PURPOSE

The Contractor shall use the following general procedure for preparing drafts of methods that will be included in SW-846 and for providing technical assistance for specific environmental measurement projects.

Chemist experts in their field are responsible for developing or revising the method and preparing the draft document according to the SW-846 Style Guide.

Chemists and technicians who are familiar with the method review draft documents.

Technical editors review and revise, as appropriate, the draft method and supporting documents.

The draft method is submitted to the EPA Methods Program Manager(s) and delegate(s) to determine whether it is sufficiently complete to be sent for the Inorganic or the Organic Methods Workgroup review.

Workgroup comments are addressed and a revised method document is submitted to the EPA Methods Program Manager(s) for final editorial review.

Once approved by the EPA Methods Workgroup, the method will be posted on the ORCR Methods Homepage.

A NOA may be prepared for the Federal Register.

3. SCOPE OF WORK

This Statement of Work (SOW) does not require the Contractor to perform inherently governmental functions as identified in OFPP Policy letter 92-1 or EPA Order 1900.2. If necessary, the Contractor should communicate with the EPA Task Order Contracting Officers Representative (EPA TOCOR) within five days after receipt of the Task Order (TO) for a meeting before final submission of the Work Plan and Cost Estimate. The Contractor shall notify the EPA TOCOR when 75% of funds and hours for this TO have been expended as stated in the contract. The contractor shall identify in the work plan whether any potential conflict of interest exists for any part of this TO.

The Contractor shall perform the following tasks:

Task 1: Oversee the Task Order by Preparing a Work Plan and Monthly Progress Reports

The Contractor shall maintain at least weekly communication and inform the EPA TOCOR of any anticipated events which may cause an accelerated expenditure of appropriated funds for the period. The EPA TOCOR will notify the Contractor of planned meetings.

In each monthly progress report, the Contractor shall summarize the status of the work performed under this TO, expenditures and labor hours used per period, hours remaining, and upcoming actions with their approximate costs.

Task 2: Assist EPA TOCOR in Revising and Finalizing Organic and Inorganic Methods for the Update VI of the 3rd Edition of SW-846

The Contractor shall (1) assist EPA TORCOR and Method Lead in finalizing the two revised organic methods (8260D and 8270E) to ensure the two methods reflect the scope and changes the ORCR Organic Method Workgroup agreed to make; and (2) ensure updated language (e.g., LLOQ, blanks, calibration, instrument tuning, use of hydrogen carrier gas) are consistently and appropriately included in Methods 8260D and 8270E. The two revised organic methods will be sent for final WG review by March 15, 2016.

The Contractor shall (1) assist EPA TOCOR and Method Lead in revising two organic methods (6850A and 6860A) to include new information and data in these methods; and (2) ensure updated language (e.g., LLOQ, blanks, calibration, instrument tuning, etc.) are consistently and appropriately included. These revised draft organic methods will be discussed by the Organic WG at the May 2016 LTIG meeting.

The contractor shall provide continued technical and editorial support for revisions of two inorganic methods (3050 and 6200) and Incremental Sampling appendix based on workgroup comments.

The format and criteria used for method edits shall be consistent with the EPA *SW-846 Style Guide* and the EPA/ORCR Methods Policy. The contractor shall continue to maintain a separate folder for each method in Update VI. All final revisions should be documented. Once completed, the revised methods will be posted as "validated methods" on the Methods Team's homepage.

The contractor shall communicate with EPA TOCOR and follow the general to-do-list established for updating methods. The contractor shall notify the EPA TOCOR immediately of any difficulties encountered with the editing of these Update VI organic and inorganic methods.

Task 3: Preparation of the Response to Comments for Toxaphene

The Contractor shall assist EPA TOCOR and Toxaphene Focus Group (FG) in responding to seventy five (75) public comments, mostly received from the Glynn Environmental Coalition (GEC), that are related to analytical methods used for the analysis of toxaphene and degraded compounds in various environmental media (groundwater, surface water, soil, sediment and fish) collected from the Terry Creek Superfund site, previously owned by Hercules, in Brunswick, GA.

TDs will be issued in regards to 5 meetings. A summarized comment table, prepared by EPA Region 4 Remedial Project Manager, will be used to document FG discussions and response to comment. One staff contractor support person shall participate in all 5 meetings, each meeting will be scheduled up to 2 hours.

Task 4: Record and Disc Maintenance

The Contractor shall maintain records and materials generated during the development of new and refinement of SW-846 methods and chapters. Upon completion of a new or revised method, the Contractor shall provide one electronic copy of all of the files (e.g, word, spreadsheets, chromatograms...) to the EPA TOCOR. The Contractor shall also maintain two electronic copies at the Contractor's site.

Task 5: Preparation of Docket Materials.

The Contractor shall collect materials (e.g., the analytical data and QA/QC summary report, the statistical analysis report, written articles or publications, response to public comments document) that will be used in the RCRA docket to support method development and approval. The Contractor shall also generate a docket index that includes the list of documents and supporting material that will be placed in the docket.

Task 6: Meeting Support

The Contractor shall continue to provide technical support by participating in *weekly* telephone and scheduled in-house meetings to discuss progress made toward the development of the Update VI work products and preparation of the response to comment for toxaphene project, and to identify events, milestones and deadlines.

The EPA TOCOR anticipates technical support for 6 Focus Group (FG) meetings for refinement of 4 organic methods (8260D, 8270E, 6850A and 6860A) and 4 Inorganic Workgroup meetings for refinement of 2 inorganic methods (3050 and 6200). TDs will be issued in regards to scheduled meetings. Electronic meeting minutes will be prepared by the Contractor and submitted to EPA for review within two weeks of the meeting. One staff contractor support person will participate in all meetings, each meeting will be scheduled up to 2 hours.

Task 7: Preparation of presentation materials for ORCR Methods Team's outreach activities

The Contractor shall assist the EPA TOCOR in preparing materials to be presented at the annual DoD Environmental Monitoring and Data Quality Workshop (EMDQ), Laboratory Technical Information Group (LTIG) Meeting, and National Environmental Monitoring Conference (NEMC). The presentation materials shall be in the form of PowerPoint slides and/or posters. The Contractor shall prepare the presentation materials as directed by the EPA TOCOR through a Technical Directive (TD). EPA TOCOR will provide the information for one hour oral presentation (or for poster) for each of the conferences and the Contractor shall assist in slide content and poster design.

Task 8: Technical assistance in evaluating critical environmental measurement issues

When requested, the Contractor shall assist EPA TOCOR in reviewing documents, analyzing issues, possible options or solutions for analytical issues related to RCRA/CERCLA/TSCA/Homeland Security sampling and testing as well as the consistency among various EPA testing programs. The Contractor shall provide review summaries and feedback to the EPA TOCOR. Necessary technical assistance includes:

- analyzing critical environmental measurement topics that are identified by the Science Policy Council;
- assessing consistency of rules and/or guidance documents that are developed by EPA program offices and ORCR for sampling and testing environmental media.

The EPA TOCOR anticipates technical support for reviewing or analyzing up to two measurement issues, estimated up to 20 hours for each review or analysis.

4. DELIVERABLES

<u>TASK</u>	<u>Delivery Date</u>
1) Reports of Work	Work Plan – within 20 days of receipt of Work Order Monthly Progress/Financial Reports – by the end of each performance period
2) Editing Methods (8260D, 8270E, 6850A, 6860A, 3050 and 6200)	as directed by EPA TOCOR via TD
3) Response to Comments	as directed by EPA TOCOR via TD
4) Records and Disc Maintenance (8260D, 8270E)	within 2 weeks after completion of relevant method
5) Preparation of Docket Materials (8260D, 8270E)	as directed by EPA TOCOR via TD
6) Meeting Support - (up to 10 meetings, Each meeting, 2 hours)	Meeting Summary – 10 calendar days after receipt of transcript provided by EPA TOCOR One final revision to the Response to Comments Summary and Background document, if needed.
7) Presentation Materials	as directed by EPA TOCOR via TD
8) Preparing Documents for Critical Measurement Issues	as directed by EPA TOCOR via TD

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 9	
2. AMENDMENT/MODIFICATION NO. 001		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OLEM-16-00146	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ABT ASSOCIATES INC. Attn: (b)(4) 4550 MONTGOMERY AVENUE SUITE 800 NORTH BETHESDA MD 208143343		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-10-054 0088 10B. DATED (SEE ITEM 13) 09/26/2016	
CODE		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule		Net Decrease:		-\$41,410.25	
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
CHECK ONE X		A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. FAR 52.243-3 - Changes: Time and Materials or Labor Hour			
		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).			
		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:			
		D. OTHER (Specify type of modification and authority)			
E. IMPORTANT: Contractor <input type="checkbox"/> is not. <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
DUNS Number: 058595539 PIID: SW-846 Methods Support The terms and conditions of contract EP-W-10-054 are hereby incorporated by reference. Services rendered under this task order are severable services. This is a Time-and-Materials task order.					
TOCOR: Shen-yi Yang Max Expire Date: 02/28/2017 The purpose of this bilateral modification is to:					
1. Incorporate the revised Task Order Statement of Work: Revision (1) dated November 02, 2016; 2. Approve and incorporate herein the contractor's cost estimate dated 09 December 2016 in Continued ...					
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		Faye Sas			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				Faye Sas (Signature of Contracting Officer)	
				ELECTRONIC SIGNATURE	
				01/12/2017	
15D. DATE SIGNED		16C. DATE SIGNED			

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-10-054/0088/001PAGE OF
2 9NAME OF OFFEROR OR CONTRACTOR
ABT ASSOCIATES INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>the amount of \$45,355.39;</p> <p>3. Modify the obligation/funding ceiling of this task order;</p> <p>4. Modify the task order ceiling price.</p> <p>As a result of the de-scoping of the work requirement as stated within Task Order Statement of Work: Revision (1) dated November 02, 2016, funding in the amount of \$41,410.25 is de-obligated from this task order, decreasing the funding ceiling by \$41,410.25, from \$86,765.64 to \$45,355.39 which the contractor is not authorized to exceed. The contractor exceeds this funding ceiling at its own risk.</p> <p>As an equitable adjustment for the subject changes specified within Task Order Statement of Work: Revision (1) dated November 02, 2016, the task order ceiling price is hereby reduced by \$41,410.25, from \$86,765.64 to \$45,355.39. By signing, the contractor hereby releases the Government from any and all liability for further equitable adjustments attributable to the work specified under this change order. Contractor incurred expenses shall not exceed the adjusted task order ceiling price at \$45,355.39.</p> <p>The end date to the period of performance of subject task order remains the same, through February 28, 2017.</p> <p>LIST OF CHANGES:</p> <p>Reason for Modification : Change Order</p> <p>Total Amount for this Modification: -\$41,410.25</p> <p>New Total Amount for this Version: \$45,355.39</p> <p>New Total Amount for this Award: \$45,355.39</p> <p>Obligated Amount for this Modification:</p> <p>-\$41,410.25</p> <p>New Total Obligated Amount for this Award:</p> <p>\$45,355.39</p> <p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Total Amount changed</p> <p>from \$86,765.64 to \$45,355.39</p> <p>Obligated Amount for this modification:</p> <p>-\$41,410.25</p> <p>CHANGES FOR DELIVERY LOCATION: HPOD RRB</p> <p>Amount changed from \$86,765.64 to \$45,355.39</p> <p>Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-10-054/0088/001PAGE OF
3 9NAME OF OFFEROR OR CONTRACTOR
ABT ASSOCIATES INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR ACCOUNTING CODE: 16-T-31H-303DD2-2585-HQ00BM00-1631SFP008-001 Amount changed from \$86,765.64 to \$45,355.39</p> <p>Delivery: 02/28/2017 Delivery Location Code: HPOD RRB HPOD RRB US Environmental Protection Agency USEPA Ronald Reagan Building (RRB) 1300 Pennsylvania Avenue NW Washington dc 20004 USA</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>FOB: Destination Period of Performance: 09/26/2016 to 02/28/2017</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 002		3. EFFECTIVE DATE 02/01/2017		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ABT ASSOCIATES INC. Attn: (b)(4) 55 WHEELER ST CAMBRIDGE MA 021381168		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 9C. MODIFICATION OF CONTRACT/ORDER NO. EP-W-10-054 0088 9D. DATED (SEE ITEM 13) 09/26/2016	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 043397520

PIID: SW-846 Methods Support

The terms and conditions of contract EP-W-10-054 are hereby incorporated by reference.

Services rendered under this task order are severable services. This is a

Time-and-Materials task order.

TOCOR: Shen-yi Yang Max Expire Date: 02/28/2017

1. The purpose of this administrative modification is to change the DUNS No. for Abt Associates, Inc. to 04-339-7520 to reflect the Headquarter's location for Abt. Associates, Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Faye Sas	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ELECTRONIC SIGNATURE (Signature of Contracting Officer)	16C. DATE SIGNED 02/01/2017

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-W-10-054/0088/002	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ABT ASSOCIATES INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Inc.</p> <p>2. Block 8 - Name and Address of Contractor on the Standard Form 30 is subsequently changed as follows: Abt. Associates, Inc. 55 Wheeler Street Cambridge, MASS 02138-1168</p> <p>3. All other terms and conditions remain unchanged.</p> <p>LIST OF CHANGES: Reason for Modification : Vendor DUNS or Name Change - Non-Novation New Vendor DUNS:043397520 Abt. Associates, Inc.</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive Durham NC 27711 Period of Performance: 09/26/2016 to 02/28/2017</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ABT ASSOCIATES INC. Attn: (b)(4) 55 WHEELER ST CAMBRIDGE MA 021381168		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-10-054 0088 10B. DATED (SEE ITEM 13) 09/26/2016	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not. ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 043397520

PIID: SW-846 Methods Support

The terms and conditions of contract EP-W-10-054 are hereby incorporated by reference. Services rendered under this task order are severable services. This is a Time-and-Materials task order.

TOCOR: Shen-yi Yang Max Expire Date: 02/28/2018

The purpose of this modification is to extend the period of performance of this task order to 28 February 2018 at no additional cost to the Government. All other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Faye Sas	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ELECTRONIC SIGNATURE (Signature of Contracting Officer)	16C. DATE SIGNED 02/27/2017

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-10-054/0088/003PAGE OF
2 2NAME OF OFFEROR OR CONTRACTOR
ABT ASSOCIATES INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Supplemental Agreement for work within scope</p> <p>Period Of Performance End Date changed from 28-FEB-17 to 28-FEB-18</p> <p>Maximum Potential Expiration Date changed to : 02/28/2018</p> <p>Payment:</p> <p>RTP Finance Center US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive Durham NC 27711</p> <p>Period of Performance: 09/26/2016 to 02/28/2018</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 004		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6) CODE	
SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ABT ASSOCIATES INC. Attn: (b)(4) 55 WHEELER ST CAMBRIDGE MA 021381168		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-10-054 0088 10B. DATED (SEE ITEM 13) 09/26/2016	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule
Net Increase: \$46,334.73

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE X	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. FAR 52.243-3 Changes: Time and Material or Labor Hour
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 043397520

PIID: SW-846 Methods Support

TOCOR: Shen-yi Yang Max Expire Date: 02/28/2018

The purpose of this modification is to:

- 1) Incorporate the revised Task Order Statement of Work: Revision (2) dated April 11, 2017;
- 2) Approve the contractor's revised cost estimate dated July 17th, 2017.
- 3) Obligate \$46,334.73 to \$45,355.39 for the funding total \$91,690.12 of this task order.

LIST OF CHANGES:

Reason for Modification : Change Order

Total Amount for this Modification: \$46,334.73

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Mark Heare	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Mark Heare (Signature of Contracting Officer)	16C. DATE SIGNED 07/20/2017

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-10-054/0088/004PAGE OF
2 2NAME OF OFFEROR OR CONTRACTOR
ABT ASSOCIATES INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>New Total Amount for this Version: \$91,690.12 New Total Amount for this Award: \$91,690.12 Obligated Amount for this Modification: \$46,334.73 New Total Obligated Amount for this Award: \$91,690.12 Incremental Funded Amount changed: from \$45,355.39 to \$91,690.12</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Total Amount changed from \$45,355.39 to \$91,690.12 Obligated Amount for this modification: \$46,334.73 Incremental Funded Amount changed from \$0.00 to \$91,690.12 Start Date Added : 09/26/2016 End Date Added : 02/28/2018</p> <p>CHANGES FOR DELIVERY LOCATION: HPOD RRB Amount changed from \$45,355.39 to \$91,690.12</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 17-T-31H-303DD2-2585-HQ00BM00-1731SFP008-001 Amount: \$46,334.73</p> <p>Delivery: 02/28/2017 Delivery Location Code: HPOD RRB HPOD RRB US Environmental Protection Agency USEPA Ronald Reagan Building (RRB) 1300 Pennsylvania Avenue NW Washington dc 20004 USA</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>FOB: Destination Period of Performance: 09/26/2016 to 02/28/2018</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 7	
2. AMENDMENT/MODIFICATION NO. P00005		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
6. ISSUED BY SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		7. ADMINISTERED BY (If other than Item 6)		5. PROJECT NO. (If applicable)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ABT ASSOCIATES INC. Attn: (b)(4) 55 WHEELER ST CAMBRIDGE MA 021381168		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-10-054 0088	
				10B. DATED (SEE ITEM 13) 09/26/2016	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule
Net Increase: \$30,752.65

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE X	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. FAR 52.243-3 Changes: Time and Material or Labor Hour
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 043397520

PIID: SW-846 Methods Support

TOCOR: Shen-yi Yang Max Expire Date: 02/28/2018

The purpose of this modification is to:

- 1) Incorporate the revised Task Order Statement of Work: Revision (3) dated October 17, 2017;
- 2) Approve the contractor's revised cost estimate dated November 28th, 2017.
- 3) Obligate \$30,752.65 to \$91,690.12 for the funding total \$122,442.77 of this task order.

LIST OF CHANGES:

Reason for Modification : Funding Only Action

Total Amount for this Modification: \$30,752.65

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Mark Heare	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Mark Heare (Signature of Contracting Officer)	16C. DATE SIGNED 12/13/2017

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-10-054/0088/P00005PAGE OF
2 7NAME OF OFFEROR OR CONTRACTOR
ABT ASSOCIATES INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>New Total Amount for this Award: \$122,442.77 Obligated Amount for this Modification: \$30,752.65 New Total Obligated Amount for this Award: \$122,442.77 Incremental Funded Amount changed: from \$91,690.12 to \$122,442.77 CHANGES FOR LINE ITEM NUMBER: 1 Total Amount changed from \$91,690.12 to \$122,442.77 Obligated Amount for this modification: \$30,752.65 Incremental Funded Amount changed from \$91,690.12 to \$122,442.77</p> <p>CHANGES FOR DELIVERY LOCATION: HPOD RRB Amount changed from \$91,690.12 to \$122,442.77</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-T-31H-000DD2-2585-HQ00BM00-1831SFP001-001 Amount: \$30,752.65</p> <p>Delivery: 02/28/2017 Delivery Location Code: HPOD RRB HPOD RRB US Environmental Protection Agency USEPA Ronald Reagan Building (RRB) 1300 Pennsylvania Avenue NW Washington dc 20004 USA</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>FOB: Destination Period of Performance: 09/26/2016 to 02/28/2018</p>				

Amendment to April 10, 2017 Statement of Work

STATEMENT OF WORK

CONTRACTOR:	Abv/TechLaw
CONTRACT NUMBER:	Mission Support Contract
TASK ORDER TITLE:	SW-846 Methods Support
TASK ORDER MANAGER:	Shen-yi Yang
	Kim Kirkland (Alternate)
ORCR ORGANIZATION:	Office of Resource Conservation and Recovery
	Materials Recovery and Waste Management Div.
	Waste Characterization Branch
TASK ORDER CONTRACTING OFFICERS REPRESENTATIVE:	Nick Vizzone
PERIOD OF PERFORMANCE:	Date of CO Approval to February 28, 2018

1. THIS AMENDMENT

Contractor will use all remaining funds by mid-November. This Amendment adds additional funding so the Contractor can continue to provide support on tasks listed below for the period of performance.

2. SCOPE OF AMENDED STATEMENT OF WORK

This Statement of Work (SOW) does not require the Contractor to perform inherently governmental functions as identified in OFPP Policy letter 92-1 or EPA Order 1900.2. If necessary, the Contractor should communicate with the EPA Task Order Contracting Officers Representative (EPA TOCOR) within five days after receipt of this amended Task Order (TO) for a meeting before final submission of the Work Plan and Cost Estimate. The Contractor shall notify the EPA TOCOR when 75% of funds and hours for this TO have been expended as stated in the contract. The contractor shall identify in the work plan whether any potential conflict of interest exists for any part of this TO.

The Contractor shall perform the following tasks:

Task 1: Oversee the Task Order and Prepare Monthly Progress Reports

The Contractor shall maintain at least weekly communication and inform the EPA TOCOR of any anticipated events which may cause an accelerated expenditure of appropriated funds for the period. The EPA TOCOR will notify the Contractor of planned meetings.

Amended Statement of Work: Revision (3) dated October 17, 2017

In each monthly progress report, the Contractor shall summarize the status of the work performed under this TO, expenditures and labor hours used per period *for each task*, hours remaining, and upcoming actions with their approximate costs.

Task 2: Assist EPA TOCOR in Revising and Finalizing Update VI Methods (1313, 1314, 1315, 1316, 1340, 3050C, 8260D and 8270E) and a Multi-Lab Validation Study for Method 3050C;

The Contractor shall assist EPA TOCOR and Method Lead in finalizing Update VI methods (1313, 1314, 1315, 1316, 1340, 8260D, and 8270E) to ensure the revised methods are 508 compliant. Once receive CO approval of this amended Task Order, EPA TOCOR will send the Contractor a Technical Directive (TD) with instructions for the deliverables and the due dates for Update VI methods (1313, 1314, 1315, 1316, 1340, 8260D and 8270E). The Contractor shall review a draft plan for multi-lab study for Method 3050C and evaluate data collected from the study.

The format and criteria used for method edits shall be consistent with the EPA SW-846 Style Guide, the EPA/ORCR Methods Policy, and with EPA assistance, federal accessibility requirements (508 compliance). The contractor shall continue to maintain a separate folder for each method in Update VI. All final revisions should be documented. Once completed, the contractor shall prepare a short summary of the method and notable revisions for posting on the EPA Hazardous Waste Test Methods web page.

The contractor shall communicate with EPA TOCOR and follow the general to-do-list established for updating methods. The contractor shall notify the EPA TOCOR immediately of any difficulties encountered with the editing of these Update VI organic and inorganic methods.

Task 3: Preparation of the Response to Comments Documents for Update VI Organic and Inorganic Methods (1340, 8260D, 8270E)

The Contractor shall assist EPA TOCOR in responding to public comments, received for 3 Update VI Methods (1340, 8260D, 8270E). TDs will be issued up to 8 additional meetings. A comment summary table and a Response to Comment Document shall be used to document received comments, workgroup discussion, and decision. One contractor support person shall actively participate in all meetings; each meeting will be scheduled up to 2 hours. The Response to Comment Document shall be 508 compliant, and convert to PDF for web posting.

Task 4: Record and Disc Maintenance

The Contractor shall maintain records and materials generated during the development of new and refinement of SW-846 methods and chapters. Upon completion of a new or revised method, the Contractor shall provide one electronic copy of all the files (e.g., word, spreadsheets, chromatograms...) to the EPA TOCOR. The Contractor shall also maintain two electronic copies at the Contractor's site. This task is amended to include record and disc maintenance for 7 Update

Amended Statement of Work: Revision (3) dated October 17, 2017

VI Methods (1313, 1314, 1315, 1316, 1340, 8260D and 8270E).

Task 5: Preparation of Docket Materials.

The Contractor shall collect materials (e.g., references, the analytical data and QA/QC summary report, the statistical analysis report, written articles or publications, response to public comments document) that will be used in the RCRA docket to support method development and approval. The Contractor shall also generate a docket index that includes the list of documents and supporting material that will be placed in the docket. This task is amended to include preparation of docket materials for Update VI Methods (1313, 1314, 1315, 1316, 1340, 8260D and 8270E).

Task 6: Meeting Support

The Contractor shall provide technical support by participating in the May 4, 2017 Inorganic and Organic Workgroup meetings to discuss public comments received on Methods 1340 and progress made toward the Update VII organic methods (5030, 5035, 8261, 6850 and 6860) to identify issues, milestones and deadlines. This support shall include: 1) preparing a summary of comments received so far for Method 1340; 2) joining the Workgroup meetings to take the minutes of the proceedings and provide written (electronic) documentation of the minutes of these meetings; 3) collect electronic or written comments from Workgroup members on methods and issues discussed by the Workgroups and incorporate them into appropriate documents.

TDs will be issued in regards to scheduled meetings. Electronic meeting minutes will be prepared by the Contractor and submitted to EPA TORCOR for review within two weeks of the meeting. One staff contractor support person will participate in each workgroup meeting; each meeting will be scheduled up to 2 hours.

Task 7: Preparation of Presentation Materials for ORCR Methods Team's Outreach Activities

The Contractor shall assist the EPA TOCOR in preparing materials to be presented at the American Council for Independent Laboratories (ACIL). The presentation materials shall be in the form of PowerPoint slides. The Contractor shall prepare the presentation materials as directed by the EPA TOCOR through a Technical Directive (TD). EPA TOCOR will provide the information for one hour oral presentation.

Task 8: Technical Assistance in Evaluating Critical Environmental Measurement Issues

When requested, the Contractor shall assist EPA TOCOR in reviewing documents, analyzing issues, possible options or solutions for analytical issues related to RCRA/CERCLA/TSCA/Homeland Security sampling and testing as well as the consistency among various EPA testing programs. The Contractor shall provide review summaries and feedback to the EPA TOCOR. Necessary technical assistance includes:

Amended Statement of Work: Revision (3) dated October 17, 2017

- analyzing critical environmental measurement topics that are identified by the Science Technology Policy Council (STPC);
The Contractor shall evaluate the ELB letter recommending inclusion of the minimum criteria in methods utilizing Selected Ion Monitoring (SIM)
- assessing consistency of rules and/or guidance documents that are developed by EPA program offices and ORCR for sampling and testing environmental media.

The EPA TOCOR anticipates technical support for reviewing or analyzing up to two measurement issues, estimated up to 20 hours for each review or analysis.

Task 9: Reviewing and Preparing for Release of New Method(s) Developed by Agency PFAS Workgroup

The Contractor shall assist EPA TORCOR in reviewing draft method and validated data, and preparing for release of method(s) for the analysis of poly and perfluorinated alkyl substances (PFAS) in groundwater, surface water and wastewater. The draft method(s) will be used for an external multi-lab validation study for various matrices.

EPA TOCOR will issue the Contractor Technical Directives (TDs) with instructions for the deliverables and the due dates.

3. DELIVERABLES

<u>TASK</u>	<u>Delivery Date</u>
1) Reports of Work	Proposed Cost – within 2 weeks of receipt of this Amended Statement of Work Monthly Progress/Financial Reports – by the end of each performance period
2) Finalizing Methods (1313, 1314, 1315, 1316, 1340, 8260D, and 8270E) and a Validation Study for Method 3050C	as directed by EPA TOCOR via TD
3) Response to Comments Document – 1340, 8260D, 8270E	as directed by EPA TOCOR via TD
4) Records and Disc Maintenance (1313, 1314, 1315, 1316, 1340, 8260D and 8270E)	within 2 weeks after completion of relevant methods

Amended Statement of Work: Revision (3) dated October 17, 2017

- | | | |
|----|---|---|
| 5) | Preparation of Docket Materials (1313, 1314, 1315, 1316, 1340, 8260D and 8270E) | as directed by EPA TOCOR via TD |
| 6) | Meeting Support - (the May 4, 2017 Inorganic and Organic Workgroup meetings, each meeting, 2 hours) | Meeting Summary – 10 calendar days after receipt of transcript provided by EPA TOCOR
One final revision to the Response to Comment Summary and Background document, if needed.
Prior to the Inorganic WG meeting – Preparation of Comment Summary Table for Method 1340 |
| 7) | Presentation Materials | as directed by EPA TOCOR via TD (via approved SOW for Task Order 0088 Mod 1, dated November 2, 2016) |
| 8) | Preparing Documents for Critical Measurement Issues | as directed by EPA TOCOR via TD (via approved SOW for Task Order 0088 Mod 1, dated November 2, 2016) |
| 9) | Reviewing and Preparing for Release of New PFAS Method(s) | as directed by EPA TOCOR via TD |

4. QUALITY ASSURANCE

Performance under this Task Order requires the contractor to adhere the technical approach and quality assurance practices specified in the Technical Proposal Abt Associates Inc. submitted to EPA Office of Resource Conservation and Recovery, July 17, 2017, for the Mission Support Contract (EP-W-10-054), Task Order 88: SW-846 Methods Support. The contractor's Technical proposal and specified quality assurance practices were approved by the EPA Task Order Manager and Quality Assurance Manager before Technical Proposal's approval. The contractor shall perform all tasks in accordance with the quality standards established in the Technical Proposal.

The Contractor's performance will be reflected in the positive or negative evaluation offered by the Agency in the Contractor Performance Evaluation (CPE) which is evaluated annually (per the "Contractor Performance Evaluation" clause in the contract). The EPA Task Order Manager will submit a complete annual review of the areas outlined in the Quality Assurance Surveillance Plan (QASP), included in the contract, which will then be utilized by the Project Officer in preparing the overall evaluations submitted annually in response to the Contractor Performance Evaluation requirements in the contract.

Amended Statement of Work: Revision (3) dated October 17, 2017

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 006		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ABT ASSOCIATES INC. Attn: (b)(4) 55 WHEELER ST CAMBRIDGE MA 021381168		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 9C. DATED (SEE ITEM 11) 9D. DATED (SEE ITEM 11) 9E. DATED (SEE ITEM 11) 9F. DATED (SEE ITEM 11) 9G. DATED (SEE ITEM 11) 9H. DATED (SEE ITEM 11) 9I. DATED (SEE ITEM 11) 9J. DATED (SEE ITEM 11) 9K. DATED (SEE ITEM 11) 9L. DATED (SEE ITEM 11) 9M. DATED (SEE ITEM 11) 9N. DATED (SEE ITEM 11) 9O. DATED (SEE ITEM 11) 9P. DATED (SEE ITEM 11) 9Q. DATED (SEE ITEM 11) 9R. DATED (SEE ITEM 11) 9S. DATED (SEE ITEM 11) 9T. DATED (SEE ITEM 11) 9U. DATED (SEE ITEM 11) 9V. DATED (SEE ITEM 11) 9W. DATED (SEE ITEM 11) 9X. DATED (SEE ITEM 11) 9Y. DATED (SEE ITEM 11) 9Z. DATED (SEE ITEM 11) 9AA. DATED (SEE ITEM 11) 9AB. DATED (SEE ITEM 11) 9AC. DATED (SEE ITEM 11) 9AD. 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11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
CHECK ONE X	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. FAR 52.243-3 Changes: Time and Material or Labor Hour
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
DUNS Number: 043397520
PIID: SW-846 Methods Support

The purpose of this no-cost modification to the contract and task order number referenced in block 10A read as follows:

1) Contract EP-W-10-054 Task Order 0088 period of performance will be extended to August 31, 2018 at no cost to the US Government

2) All other terms and conditions remain unchanged.

TOCOR: Shen-yi Yang Max Expire Date: 02/28/2018

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Mark Heare	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-W-10-054/0088/006	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ABT ASSOCIATES INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Other Administrative Action</p> <p>Period Of Performance End Date changed from 28-FEB-18 to 31-AUG-18</p> <p>Total Amount for this Modification: \$0.00</p> <p>New Total Amount for this Version: \$0.00</p> <p>Buyer changed from Kenneth Irby to Tiffaney Wilson</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive Durham NC 27711</p> <p>Period of Performance: 09/26/2016 to 08/31/2018</p>				